

Notice of Allowability

Application No.

10/771,655

Applicant(s)

LUBBERS ET AL.

Examiner

Tony Mahmoudi

Art Unit

2165

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the After-Final Amendment filed 04/19/07 and Examiner's Amendment authorized on 05/25/07.
2. ☒ The allowed claim(s) is/are 3-21, re-numbered as claims 1-19.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date <u>20070525</u> . |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

DETAILED ACTION

Remarks

1. In response to the After-Final Amendment filed on 19-April-2007, claims 1 and 2 are canceled and claim 3 is amended per Applicant's request. Therefore, claims 3-21 are presently pending in the application, of which claims 3, 6, and 13 are presented in independent form.
2. In view of the examiner's amendment, authorized by the Attorney of Record (details provided below), claims 4, 10, and 13-21 are further amended by the examiner.

Examiner's Amendment

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. John F. Ryan (Attorney of Record) on 25-May-2007 (see enclosed Interview Summary, paper No. 20070525.)

The claims of the instant Application are amended as follows. This claim listing replaces all previous listings of claims in the instant Application:

1. (Canceled)
2. (Canceled)
3. (Previously Presented) A helpset build method comprising:
preparing helpset information for building;
building helpset files and subhelpset files in an automatic recursive manner, including:
 parsing gathered files,
 identifying related Helpsets,
 building control files automatically,
 copying helpset files selectively, wherein selection is indicated by results of said
parsing,
 modifying said help files and control files automatically; and
reporting helpset status related information.
4. (Currently Amended) The helpset build method of claim 3 wherein said ~~modifying of~~
~~said~~ help files and control files are modified automatically based upon meta-tag indications.

5. (Original) The helpset build method of claim 3 wherein said reporting includes indications of peculiarities for a run.

6. (Original) A method of building a helpset, comprising:

verifying arguments;

checking for a subhelpset indication;

copying a first plurality of files from a source directory to a temporary directory;

generating an index;

generating a map file;

generating a full-test-search index; and

copying a second plurality of files from the temporary directory to an output directory.

7. (Original) The method according to claim 6, further comprising generating a modified map file in response to tags.

8. (Original) The method according to claim 6, further comprising building one or more subhelpsets prior to building the helpset in a recursive process.

9. (Original) The method according to claim 8, wherein an output directory includes a compressed output file created after subhelpsets and helpsets have been built.

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10. (Currently Amended) The method according to claim 6, wherein ~~[[a]]~~ said second plurality of files is less than ~~[[a]]~~ said first plurality of files.

11. (Original) The method according to claim 10, wherein said second plurality of files includes referenced files determined by a filtering process.

12. (Original) The method according to claim 6, further comprising: generating a report; and launching a previewer.

13. (Currently Amended) A machine readable ~~medium~~ storage device ~~having embodied thereon~~ storing a computer program ~~for processing~~ executed by a machine, the computer program comprising several modules, each module when executed by the machine, resulting in specific functions:

a verification module ~~for verifying~~ which verifies arguments;

a recursion module ~~for directing~~ which directs recursive helpset build operations;

an index generation module ~~for generating~~ which generates a keyword index;

a map file generator module ~~for generating~~ which generates a map file that maps topic identifications to file names;

a full-test-search index generator ~~for generating~~ which generates a search index; and

a file compression module ~~for compressing~~ which compresses a final output helpset build product file.

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14. (Currently Amended) The computer ~~system~~ program stored on the machine readable storage device according to claim 13, further comprising a parsing module ~~for parsing~~ which when executed by the machine, parses information utilized in building a helpset.

15. (Currently Amended) The computer ~~system~~ program stored on the machine readable storage device according to claim 13, further comprising a file editing module ~~for automatically implementing~~ which when executed by the machine, automatically implements file editing.

16. (Currently Amended) The computer ~~system~~ program stored on the machine readable storage device according to claim 15, wherein said file editing includes script-tag insertion and meta-tag insertion.

17. (Currently Amended) The computer ~~system~~ program stored on the machine readable storage device according to claim 15, wherein said file editing module, when executed by the machine, directs post-processing operations.

18. (Currently Amended) The computer ~~system~~ program stored on the machine readable storage device according to claim 17, further comprising a smart filter copying module ~~for controlling~~ which when executed by the machine, controls copy of files associated with helpset building.

19. (Currently Amended) The computer ~~system~~ program stored on the machine readable storage device according to claim ~~[[13]]~~ 18, wherein said smart filter copying module, when executed by the machine, directs selective copying of referenced image files.

20. (Currently Amended) The computer ~~system~~ program stored on the machine readable storage device according to claim 13, wherein said ~~recursive~~ recursion module directs operations to include subhelpsets in a helpset build output.

21. (Currently Amended) The computer ~~system~~ program stored on the machine readable storage device according to claim 13, further comprising an activation module, that when executed by the machine, automatically initiates implementation of modules for helpset building.

Allowance

4. Claims 3-21 are allowed over the prior art made of record.

In the After-Final Amendments filed on 19-April-2007, the Applicant re-wrote dependent claim 3 (previously objected-to by the Examiner for containing “allowable subject matter”) in independent form, including all the limitations of its base claim and any intervening claims, therefore, making newly amended independent claim 3 allowable over the prior art made of record.

Independent claims 6 and 13 were previously indicated by the Examiner, as “allowed over the prior art made of record.”

5. The following is an examiner's statement of reasons for allowance:

The prior art of record, do not disclose, teach, or suggest (in combination with all other features in the claim) the claimed limitations of building control files automatically, copying helpset files selectively, wherein selection is indicated by results of the parsing and modifying the help files and control files automatically, as recited in independent claim 3.

The prior art of record, do not disclose, teach, or suggest (in combination with all other features in the claim) the claimed limitations of building a helpset using argument verifications and checking for indications of subsets of helpsets (subhelpsets) and generation of a full-test-search index, as recited in independent claim 6.

The prior art of record, do not disclose, teach, or suggest (in combination with all other features in the claim) the claimed limitations of directing recursive helpset build operations, generating a full-test-search index, argument verifications, and compressing a final output helpset build product file, as recited in independent claim 13.

Conclusion

6. Any inquiries concerning this communication or earlier communications from the examiner should be directed to Tony Mahmoudi whose telephone number is (571) 272-4078. The examiner can normally be reached on Mondays-Fridays from 08:00 am to 04:30 pm.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jeffrey Gaffin, can be reached at (571) 272-4146.

May 25, 2007



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